For favour of posting

40th SAAS HKU anniversary 統計及精算學系

DEPARTMENT OF STATISTICS AND ACTUARIAL SCIENCE
THE UNIVERSITY OF HONG KONG

40th Anniversary Seminar Series

Professor Rodney WOLFF
School of Economics and Finance
Queensland University of Technology
Australia

will give a talk

entitled

SEMI-PARAMETRIC MOMENT-BASED COPULA ESTIMATION

Abstract

Risk measurement can often depend on understanding joint distributions between two or more variables, or risk factors. One approach to this is to make use of copulae. The standard approach to copula estimation is to assume a functional form and to estimate associated parameters. We employ asymptotic expansions of distributions to show how one might use, in a very simple way, moments and cross-moments to estimate a copula non-parametrically. Illustrations using index returns and associated implied volatilities will be given to demonstrate the method, and to identify its limitations.

on

Wednesday, November 7, 2007

2:00 p.m. – 3:00 p.m.

at

Room 524, Meng Wah Complex
(behind the Chong Yuet Ming Amenities Centre)

Visitors Please Note that the University has limited parking space. If you are driving please call the Department at 2859 2466 for parking arrangement.

ALL INTERESTED ARE WELCOME